

Converting Colors

XYZ(30.4107, 27.8279, 41.9741)

Have a look what the booklet for
XYZ(30.4107, 27.8279, 41.9741)
contains.

XYZ(30.3579, 27.8815, 41.8118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.3579, 27.8815,
41.8118)**

Conversions

Conversions Part 1

Format	Color
Hex	9F88AA
RGB	159, 136, 170
RGB Percent	62%, 53%, 67%
CMY	0.3765, 0.4667, 0.3333
CMYK	0.06, 0.20, 0.00, 0.33
HSL	281°, 17%, 60%
HSV	281°, 20%, 67%
XYZ	30.3579, 27.8815, 41.8118
YIQ	146.7530, 2.7940, 15.4500

Conversions

Conversions Part 2

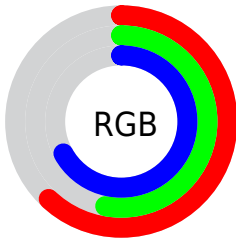
Format	Color
RYB	159, 136, 170
Decimal	10455210
CIELab	59.78, 15.14, -14.71
CIELCh	60, 21.109, 315.813
Yxy	27.8815, 0.3034, 0.2787
Android (android.graphics.Color)	4288645290 (0xFF9F88AA)
YUV	146.7530, 11.4608, 10.7406
Hunter-Lab	52.8029, 10.2196, -9.9865

Details

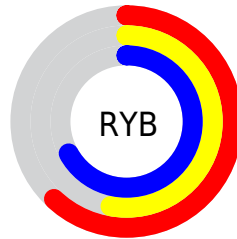
The XYZ color **30.3579, 27.8815, 41.8118** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **30.8522, 36.7307, 28.7575**, and the grayscale version is **27.5853, 29.0219, 31.6048**.

A 20% lighter version of the original color is **59.5198, 56.1276, 78.9308**, and **12.6612, 11.0894, 18.6127** is the 20% darker color. If you saturate the color by 10%, you get **27.0847, 22.9180, 41.0267**, and if you desaturate by 10%, it is **34.0612, 33.6319, 42.7270**.

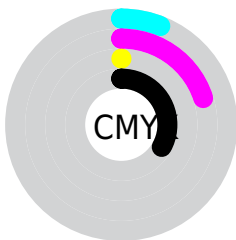
Distribution



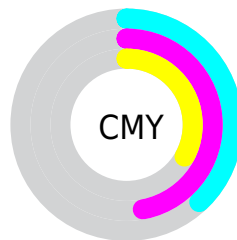
- Red (62%)
- Green (53%)
- Blue (67%)



- Red (62%)
- Yellow (53%)
- Blue (67%)



- Cyan (6%)
- Magenta (20%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3579, 27.8815, 41.8118 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 30.3579, 27.8815, 41.8118 by changing the saturation by 10% instead.

■ 30.3579, 27.8815,
41.8118

■ 30.3579, 27.8815,
41.8118

295.4491,
291.9002, 369.4788

■ 20.2598, 18.2364,
28.6295

■ 59.6105, 56.2952,
79.1817

■ 12.6934, 11.1198,
18.5575

■ 79.4957, 75.8325,
104.2064

■ 7.2933, 6.1475,
11.1774

■ 103.3740, 99.4361,
134.0156

■ 3.6942, 2.9350,
6.0706

131.6107,
127.4902, 169.0280

■ 1.5306, 1.0979,
2.8186

164.5712,
160.3792, 209.6619

■ 0.3465, 0.0000,
1.0028

202.6209,

■ 0.0000, 0.0000,

198.4877, 256.3360

0.0000

246.1251,
242.1999, 309.4688

■ 30.3579, 27.8815,
41.8118

■ 30.3579, 27.8815,
41.8118

■ 27.0847, 22.9180,
41.0267

■ 34.0612, 33.6319,
42.7270

■ 24.2204, 18.7017,
40.3638

■ 38.2091, 40.1994,
43.7760

■ 21.7459, 15.1950,
39.8174

■ 42.8190, 47.6167,
44.9647

■ 19.6397, 12.3553,
39.3803

■ 47.9061, 55.9139,
46.2981

■ 17.8775, 10.1356,
39.0447

■ 53.4853, 65.1194,
47.7809

■ 16.4320, 8.4821,
38.8017

■ 59.5704, 75.2605,
49.4176

■ 15.2715, 7.3322,
38.6409

■ 66.1737, 86.3606,
51.2121

■ 14.3259, 6.5472,
38.5393

■ 67.6452, 87.1193,
51.2810

■ 14.3258, 6.5470,
38.5392

■ 69.1700, 87.9053,
51.3524

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.9253, 27.8815, 46.8296



30.3579, 27.8815, 41.8118



31.8000, 27.8815, 34.1090

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.3579, 27.8815, 41.8118



27.7797, 27.8815, 18.2109



21.8583, 27.8815, 34.5468

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



30.3579, 27.8815, 41.8118



30.8522, 36.7307, 28.7575

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



21.8252, 27.8815, 26.8930



30.3579, 27.8815, 41.8118



25.1250, 27.8815, 18.2879

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.3579, 27.8815, 41.8118



30.2451, 27.8815, 20.9825



22.9846, 27.8815, 21.2142



23.0785, 27.8815, 42.1784

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.3579, 27.8815, 41.8118



31.9473, 27.8815, 28.8922



22.9846, 27.8815, 21.2142



21.7109, 27.8815, 31.8730

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



30.3588, 27.8827, 41.8124



64.6293, 65.4760, 78.2337



27.8957, 29.1089, 42.1789



14.3090, 14.4379, 17.4203



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.3588, 27.8827, 41.8124



52.3525, 46.4211, 75.2028



32.1135, 28.8479, 39.1562



7.6024, 7.5432, 9.4736



10.5982, 4.8470, 28.3525



0.3079, 0.1437, 0.6922

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



30.6491, 28.2621, 31.4448



53.0382, 47.2735, 52.6904



29.3865, 35.9274, 30.8472



7.6274, 7.5808, 8.3553



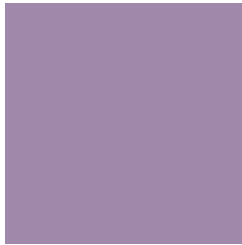
12.7251, 6.4988, 3.3640



0.3329, 0.1674, 0.2043

Previews

White Background



This preview shows how the XYZ color 30.3579, 27.8815, 41.8118 looks on a white background.

Color Contrast Check

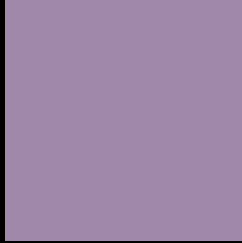
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.3579, 27.8815, 41.8118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3579, 27.8815, 41.8118

Background



This preview shows how black text looks on a background with the XYZ color 30.3579, 27.8815, 41.8118.



This preview shows how white text looks on a background with the XYZ color 30.3579, 27.8815,

41.8118.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

30.3579, 27.8815, 41.8118

Protanopia

27.8769, 28.0584, 44.5040

Deuteranopia

28.5404, 28.0253, 41.4413



Tritanopia

28.4479, 27.7352, 32.7082

Trichromacy



Original Color

30.3579, 27.8815, 41.8118

Protanomaly

28.5980, 27.7930, 43.3925

Deuteranomaly

29.1565, 27.9091, 41.3864

Tritanomaly

29.0789, 27.7794, 35.7276

Monochromacy



Original Color

30.3579, 27.8815, 41.8118

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.5014, 28.5908, 35.0267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3579, 27.8815, 41.8118 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(159, 136, 170)` looks like.

```
.text, #text, p{  
    color:rgb(159, 136, 170)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(159, 136, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 136, 170) }
```

Border

The CSS property to change the border of an element to XYZ 30.3579, 27.8815, 41.8118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 136, 170) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(159, 136, 170) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(159, 136, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 136, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 136, 170);  
box-shadow:4px 4px 4px 4px rgb(159, 136,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3579, 27.8815, 41.8118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 136, 170) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(159,  
136, 170) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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